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URBAN DISTRICT OF

CANVEY ISLAND.

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

(Norman Lorraine, M.D., Ch.B., D.P.H., F.R.S.E.)

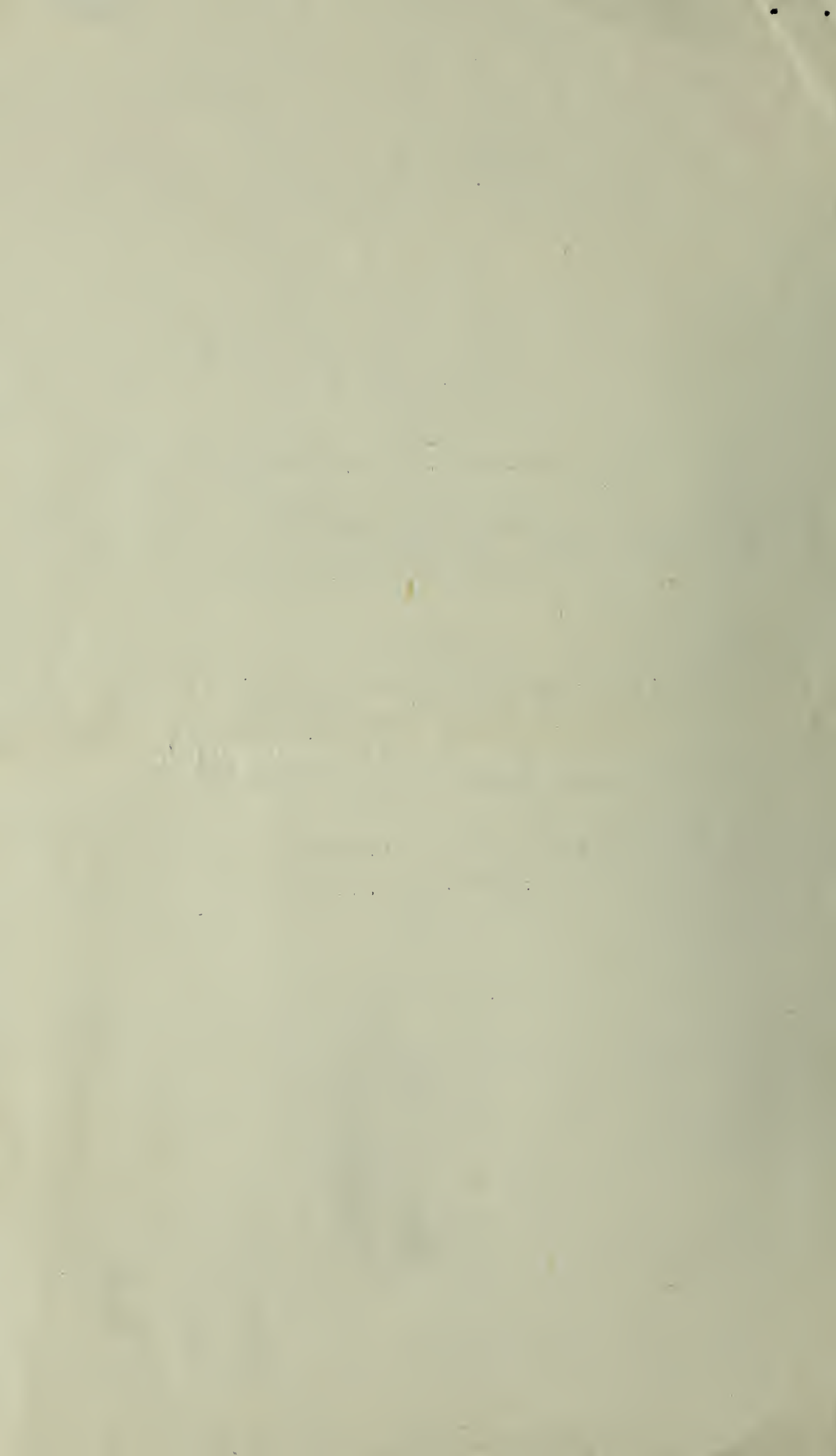
including THE REPORT of the

SANITARY INSPECTOR

(E. Ditchburn, C.R.S.I.)

for

1941.



PUBLIC HEALTH STAFF.Medical Officer of Health   \*

Norman S. R. Lorraine, M.D., M.B., Ch.B., F.R.S.E., D.P.H.,  
R.C.P.S. Edin. and R.F.P.S. Glas.

Also Medical Officer of Health for Benfleet and  
Rayleigh Urban District Councils and Assistant  
County Medical Officer, Essex County Council.

Assistant Medical Officer - Essex County Council.

Esther P. Jones, M.R.C.S., L.R.C.P.

Health Visitor - Essex County Council.

Miss A. M. Young, General Training and Midwifery Training,  
University College Hospital, London. Queens  
Institute District Nursing, London. New Health  
Visitor's Certificate, Royal Sanitary Institute,  
London.

Clerk to the Medical Officer of Health.

Miss D. Grudgings.

Sanitary Inspector   \*   and Inspector under the Petroleum (Consolidation)  
Act, The Factory and Workshops Act, and the Rats and Lice  
Destruction Act, 1919

E. Ditchburn, C.R.S.I.

\* One half of the salaries attached to these offices is paid by  
the County Council from Exchequer Contribution Account.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1941.

Public Health Department,  
London Road,  
HADLEIGH, Essex.

To the Chairman and Members of the Urban District  
Council of Canvey Island,

Mr. Chairman and Gentlemen,

I have the honour of presenting for your consideration my  
Thirteenth Annual Report on the health and sanitary circumstances of your  
Urban District for the year 1941.

In accordance with the Ministry of Health Circular 2604, of  
the 24th March, 1942, this is intended to be an interim report and, on  
grounds of national security, as instructed in this Circular afore-  
mentioned, certain facts and figures must not be published.

I desire again to express my gratitude to all members of the  
staff of the Department for their loyal co-operation and also to officers  
of other Departments for information and assistance readily given from  
time to time.

For the sympathetic consideration and assistance received during the year, I should like to express my thanks to the Council.

I beg to remain,

Your obedient Servant,

NORMAN LORRAINE.

M.D., M.B., Ch.B., F.R.S.E., D.P.H.,  
R.C.P.S. Edin<sup>g</sup> and R.F.P.S. Glas.

June, 1942.

SECTION A - STATISTICS AND SOCIAL CONDITIONS  
OF THE AREA.

Area (in acres)	..	..	
comprising Island, Foreshore and Tidal Waters			9,071
Number of inhabited houses (end of 1941)			
according to Rate Book	..	..	3,850
Rateable Value	..	..	£44,608
Sum represented by a penny rate	..	..	£151

In the above and following statistics, several routine details are omitted, as non-essential.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

England and Wales.    Live Births    14.2                      Deaths    12.9  
Deaths under 1 year of age    59.0

Canvey Island U.D.C.

Live Births    (a)    I.M.    (For calculating Infant and Maternal Mortalities)

	<u>Total.</u>	<u>M.</u>	<u>F.</u>
Total	99	53	46
Legitimate	93	48	45
Illegitimate	6	5	1

(b)    B.R.    (For calculating Birth Rates)

	<u>Total.</u>	<u>M.</u>	<u>F.</u>
Total	93	51	42
Legitimate	87	46	41
Illegitimate	6	5	1

Stillbirths.    (For calculating Infant and Maternal Mortalities and Birth Rates)

	<u>Total.</u>	<u>M.</u>	<u>F.</u>
Total	2	1	1
Legitimate	2	1	1
Illegitimate	-	-	-



	<u>Total.</u>	<u>M.</u>	<u>F.</u>
<u>Deaths.</u>	87	55	32

Deaths from puerperal causes:-

Puerperal sepsis	Nil.
Other maternal causes	Nil.

Death Rate of Infants under one year of age:-

Total number of infants	..	..	5.
All infants per 1,000 live births	..	..	50.5
Legitimate infants per 1,000 legitimate live births	..	..	53.7
Illegitimate infants per 1,000 illegitimate live births	..	..	-
Deaths from Cancer (all ages)	..	..	14
Deaths from Measles (all ages)	..	..	-
Deaths from Whooping Cough (all ages)	..	..	-
Deaths from Diarrhoea (under 2 years of age)	..	..	-

SECTION B. GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

In respect of (a) Laboratory Facilities, (b) Ambulance Facilities, (c) Nursing in the Home, (d) Treatment Centres and Clinics and (e) Hospitals there are no essential changes to note.

SECTION C. SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply. 2788 houses were connected to Southend Water Company's mains at the end of the year - an increase of 55.

Drainage and Sewerage. There are 484 connections to the sewer affecting 970 properties. Two new connections were made during 1941.

Public Cleansing. 624 loads of refuse were collected from 63 bins, each bin serving several streets.

Salvage. Waste paper is collected on receipt of postcards and also periodical collection is made from various depots on the Island. Tins, scrap iron, bottles and rags are also collected.

Visits and Inspections. 800 visits were made for public health purposes during the year.

Factories Act, 1937. A total of 25 inspections were made including visits to premises of Outworkers.

Petroleum (Regulations) Acts, 1928 and 1936. 10 inspections were made and one licence was issued during the year.

In other branches of sanitary administration, the usual routine work was carried out but no essential changes occurred.

SECTION D - HOUSING.

No new houses were erected during the year 1941. Housing inspections were curtailed by reason of evacuation etc., and 48 inspections were made.

## SECTION E. INSPECTION AND SUPERVISION OF FOOD.

Milk Supply. At the end of the year 7 farms and other premises used as dairies were registered and 20 retail purveyors were also registered.

Milk (Special Designations) Order, 1936. One licence to sell Pasteurised milk and one licence to sell Tuberculin Tested milk were granted.

The licences were supplementary licences for the retail sale of milk in the district.

Meat and Other Foods. No slaughterhouse exists in the District. Periodical inspection is made of butchers shops and the meat therein examined.

Fish. Fish shops were inspected periodically.

Food and Drugs (Adulteration) Act, 1928, etc. Three samples of milk were taken by the County Council as the Food and Drugs Authority. One sample was found to be slightly low in butter fat content, the other two samples were found to be up to standard.

The low number of samples taken is accounted for by the great reduction in the Department's staff owing to 50% of its members joining H. M. Forces and the sampling of rationed goods in areas supplying same to Traders on the Island.

Milk and Dairies Acts and Orders. Fifteen samples of milk were submitted to the Methylene Blue Reduction Test. Four failed to pass the test.

## SECTION F. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

There are no matters of outstanding importance to report in respect of the prevalence of infectious diseases but I should like to point out that during the year not one case of Scarlet Fever or Diphtheria was notified. Particulars of all cases of notifiable disease occurring in the Urban District during 1941 will be found in the table on page 5.

Tuberculosis. The following cases were notified:-

Civilian: 7 cases of respiratory, 5 males and 2 females  
          2 " " non-respiratory, 1 male and 1 female  
Non-civilian: 1 case of respiratory, male.

It is regretted that during the year there were four deaths from respiratory tuberculosis, 3 males and 1 female, and one from non-respiratory, male.

Immunisation against Diphtheria. During the year, the Scheme of Immunisation against Diphtheria proceeded satisfactorily, propaganda being intensified when occasion arose. At the end of December, the number of children in the District who had been immunised against diphtheria was slightly higher than the average number for England and Wales.

## AIR RAID PRECAUTIONS.

This Department has assumed the normal responsibilities in respect of the Emergency Medical Services (Casualty Services). One First Aid Post has been established, equipped and staffed. At the end of the year, Dr. J. Tynan was acting as Medical Officer in Charge and Dr. D. MacDonald was Deputy Medical Officer in Charge of this Post. A Nurse in Charge has been allocated by the Civil Nursing Reserve.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1941

NOTIFIABLE DISEASE.	Cases included in Weekly Returns.														Sex.			
	At ages														Cases admitted to hospital.	Total Deaths.	M.	F.
	All ages	0 to 1	1 to 2	2. to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over.					
Smallpox .. ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Scarlet fever .. ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Diphtheria .. ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cerebro-spinal fever ..	2	-	-	1	-	-	-	-	1	-	-	-	2	-	1			
Acute pneumonia .. ..	3	-	-	1	-	-	-	-	1	-	-	1	1	-	2			
Acute Anterior Poliomyelitis	1	-	-	-	-	-	1	-	-	-	-	-	1	-	1			
Enteric fever .. ..	1 (1)	-	-	-	-	-	-	1	-	-	-	-	1	-	1			
Measles .. ..	33	1	1	7	4	4	13	3	-	-	-	-	-	-	20			
Whooping cough .. ..	21	1	2	2	5	4	7	-	-	-	-	-	-	-	11			
<u>NON-CIVILIAN.</u>																		
Acute Pneumonia .. ..	1	-	-	-	-	-	-	-	1	-	-	-	1	-	-			

Figures in parentheses indicate the number of cases in which the diagnosis was not confirmed.



